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# 1, 2a-f, 3, 4a-f

5, 7, 12

Positive or Negative?

$$(-6) \times (+2)$$

$$(+6) \times (+4)$$

$$(+4) \times (-2)$$

$$(-7) \times (-3)$$

2. Find each product.

a)  $(+8)(-3)$

b)  $(-5)(-4)$

c)  $(-3)(+9)$

d)  $(+7)(-6)$

e)  $(+10)(-3)$

f)  $(-7)(-6)$

3) Find each Product.

a)  $(-1)(-8)(-2)$

b)  $(-11)(-12)(-1)$

c)  $(-1)(-1)(-1)(-1)(-1)$

d)  $(-2)(-3)(-4)(-5)$

4. Copy each equation.

Replace  $\square$  with an integer to make the equation true.

a)  $(+5) \times \square = (+20)$

b)  $\square \times (-9) = (+27)$

c)  $(-9) \times \square = -54$

d)  $\square \times (-3) = +18$

e)  $\square \times (+5) = -20$

f)  $\square \times (-12) = +144$

Write the next 3 terms in each pattern. Then write the pattern rule.

a)  $+1, +2, +4, +8, \dots$

b)  $+1, -6, +36, \dots$

c)  $-1, +3, -9, \dots$

d)  $-4, -8, -12$

Use the integers  $-5$ ,  $+9$ ,  $-8$ ,  $+4$ ,  $-2$

- a) Which two integers have the greatest product?
- b) Which two integers have the least product?
- c) How do you know there is not a greater product or a lesser product?

12. The product of two integers is  $-144$   
The sum of the same integers is  $-7$ .  
What are the two integers?

